PINEDA ME08 Activity 03

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>docker images
REPOSITORY      TAG        IMAGE ID        CREATED          SIZE
roy/ping        latest     32b01bb2c754    7 minutes ago    170MB
ubuntu          16.04      9ff95a467e45    3 weeks ago      135MB

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>docker rmi 32b
Untagged: roy/ping:latest
Deleted: sha256:32b01bb2c7547fc58dc329cdef6127480b228410695a540b3137bb7964b8c806
Deleted: sha256:f1e3508f5c06a1a2e18ffa2c7bfc4995b18edc2f5711affa47a874b5b9fd6d68
```

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>bash
DESKTOP-M40C9JM:/tmp/docker-desktop-root/mnt/host/d/UserFolder/Documents/20-21-2ndSem/CoE 197S/Repositories/docker-training# touch Dockerfile
DESKTOP-M40C9JM:/tmp/docker-desktop-root/mnt/host/d/UserFolder/Documents/20-21-2ndSem/CoE 197S/Repositories/docker-training# exit
logout

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>docker build -t "roy/ping" .
[+] Building 83.6s (7/7) FINISHED
 => [internal] load build definition from Dockerfile                                                          0.0s
 => => transferring dockerfile: 142B                                                                          0.0s
 => [internal] load .dockerignore                                                                             0.0s
 => => transferring context: 2B                                                                               0.0s
 => [internal] load metadata for docker.io/library/ubuntu:16.04                                               0.0s
 => [1/3] FROM docker.io/library/ubuntu:16.04                                                                 0.1s
 => [2/3] RUN apt-get update                                                                                 73.6s
 => [3/3] RUN apt-get install -y iputils-ping                                                                 9.4s
 => exporting to image                                                                                        0.3s
 => => exporting layers                                                                                       0.3s
 => => writing image sha256:32f92ec2d1fa1699910aaa998c5a1140e9a6d98e9ec102f471172362a160faff                  0.0s
 => => naming to docker.io/roy/ping                                                                           0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>docker build -t "roy/ping" .
[+] Building 0.2s (7/7) FINISHED
 => [internal] load build definition from Dockerfile                                                          0.0s
 => => transferring dockerfile: 31B                                                                           0.0s
 => [internal] load .dockerignore                                                                             0.0s
 => => transferring context: 2B                                                                               0.0s
 => [internal] load metadata for docker.io/library/ubuntu:16.04                                               0.0s
 => [1/3] FROM docker.io/library/ubuntu:16.04                                                                 0.0s
 => CACHED [2/3] RUN apt-get update                                                                           0.0s
 => CACHED [3/3] RUN apt-get install -y iputils-ping                                                          0.0s
 => exporting to image                                                                                        0.0s
 => => exporting layers                                                                                       0.0s
 => => writing image sha256:32f92ec2d1fa1699910aaa998c5a1140e9a6d98e9ec102f471172362a160faff                  0.0s
 => => naming to docker.io/roy/ping                                                                           0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
```

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>docker images
REPOSITORY      TAG        IMAGE ID        CREATED          SIZE
roy/ping        latest     32f92ec2d1fa    2 minutes ago    170MB
ubuntu          16.04      9ff95a467e45    3 weeks ago      135MB
```

```
[+] Building 0.6s (8/8) FINISHED
 => [internal] load build definition from Dockerfile                                                          0.0s
 => => transferring dockerfile: 276B                                                                          0.0s
 => [internal] load .dockerignore                                                                             0.0s
 => => transferring context: 2B                                                                               0.0s
 => [internal] load metadata for docker.io/library/ubuntu:16.04                                               0.0s
 => [1/4] FROM docker.io/library/ubuntu:16.04                                                                 0.0s
 => CACHED [2/4] RUN apt-get update                                                                           0.0s
 => CACHED [3/4] RUN apt-get install -y iputils-ping                                                          0.0s
 => [4/4] RUN apt-get clean    && cd /var/lib/apt/lists && rm -fr *Release* *Sources* *Packages*    && truncate -s 0 /var/log/*log    0.4s
 => exporting to image                                                                                        0.1s
 => => exporting layers                                                                                       0.1s
 => => writing image sha256:95bbf88c89eb2c7a1fdb35ee5138d0ec156ca95536f30292356a86259c0e0132                  0.0s
 => => naming to docker.io/roy/ping                                                                           0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>docker images
REPOSITORY      TAG        IMAGE ID        CREATED          SIZE
roy/ping        latest     95bbf88c89eb    4 seconds ago    170MB
<none>          <none>     32f92ec2d1fa    4 minutes ago    170MB
ubuntu          16.04      9ff95a467e45    3 weeks ago      135MB
```

*similar to what is expected by exer, although <none> appears

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>docker build -t "roy/ping" .
[+] Building 76.2s (6/6) FINISHED
 => [internal] load build definition from Dockerfile                                                          0.0s
 => => transferring dockerfile: 282B                                                                          0.0s
 => [internal] load .dockerignore                                                                             0.0s
 => => transferring context: 2B                                                                               0.0s
 => [internal] load metadata for docker.io/library/ubuntu:16.04                                               0.0s
 => CACHED [1/2] FROM docker.io/library/ubuntu:16.04                                                          0.0s
 => [2/2] RUN apt-get update    && apt-get install -y iputils-ping    && apt-get clean    && cd /var/lib/apt/lists && rm -fr *Release* *Sources* *Packages*    &  76.0s
 => exporting to image                                                                                        0.1s
 => => exporting layers                                                                                       0.1s
 => => writing image sha256:e626a62b60b6e15b1f9843f33cc699761fb8917844af33a2db0cf302454f727e                  0.0s
 => => naming to docker.io/roy/ping                                                                           0.0s
```

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>docker images
REPOSITORY      TAG        IMAGE ID        CREATED          SIZE
roy/ping        latest     e626a62b60b6    9 seconds ago    139MB
<none>          <none>     95bbf88c89eb    2 minutes ago    170MB
<none>          <none>     32f92ec2d1fa    6 minutes ago    170MB
ubuntu          16.04      9ff95a467e45    3 weeks ago      135MB
```

PINEDA ME08 Activity 03

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>docker run -it roy/ping
PING google.com (142.250.204.46) 56(84) bytes of data.
64 bytes from 142.250.204.46: icmp_seq=1 ttl=37 time=29.1 ms
64 bytes from 142.250.204.46: icmp_seq=2 ttl=37 time=30.0 ms
64 bytes from 142.250.204.46: icmp_seq=3 ttl=37 time=33.1 ms
64 bytes from 142.250.204.46: icmp_seq=4 ttl=37 time=28.5 ms
^C
--- google.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3005ms
rtt min/avg/max/mdev = 28.581/30.224/33.129/1.769 ms
```

*after running build again after editing Dockerfile to ping google